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ABSTRACT

A bibliography of English publications on scientific research on higher education in Sweden is presented. The publications, which are arranged according to projects and problem areas, include scientific articles, books, and other research projects, along with doctoral theses in Swedish with English summaries, and newsletters on the projects. The following problem areas are covered: the role of higher education in society, higher education as an organization, the conditions and potential of education and research, and research and development (R&D) organization and planning. Specific topics include: the relationship between education and work, student development and career choice, changes of student's conception of social structure and society, long-term effects of higher education, institutional autonomy, the Swedish reform of higher education, attitudes about the universities, the training of researchers, research directions, study skills and learning, teaching methods, problem solving, teaching and learning basic concepts in economics, and R&D and public policy-making. Approximately 220 references are included in the bibliography. (SW)

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R&D FOR HIGHER EDUCATION

INFORMATION ON RESEARCH DEVELOPMENT FOR HIGHER EDUCATION

SWEDISH RESEARCH ON HIGHER EDUCATION 1983:3

PUBLICATIONS IN ENGLISH

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ISSN 0347 4976

R & D for Higher Education

INFORMATION ON RESEARCH AND DEVELOPMENT FOR HIGHER EDUCATION

SWEDISH RESEARCH ON HIGHER EDUCATION 1983:3

PUBLICATIONS IN ENGLISH

Since the beginning of the 1970s the Swedish National Board of Universities and Colleges, and its predecessor, has supported a special program for the build-up of scientific research on higher education in Sweden. Publications in English produced in this program are listed in this newsletter. In an appendix the publications are also sorted by years and university disciplines.

The list, which is arranged according to projects and problem areas within the program, includes scientific articles, books and other research reports. It also includes doctoral theses in Swedish with summaries in English, as well as newsletters on the projects, published in this NBUC series *R&D for Higher Education*. The list is not complete. A revised and updated edition, including an authors' index will appear next year.

It should be mentioned that in addition to the project-related publications listed here there are also other types of publications dealing with the Swedish Research on Higher Education Program. One is the overviews of the program (its content, working methods, etc) which are issued yearly in this newsletter series. Another is the two reports from international conferences held within the program:

Strategies for Research and Development in Higher Education. Noel Entwistle (ed). Amsterdam: Swets & Zeitlinger, 1976, and

Research into Higher Education: Processes and Structures. Report from a conference. Stockholm: NBUC, 1979.

Finally it should be mentioned that also the following five books on the research program are planned to appear in 1983/84:

Knowledge and Higher Education. A series of colloquia. Gunnar Bergendal (ed).

Higher Education Policy and Research into Higher Education in Sweden. An Analysis and an Evaluation. Guy Neave and Sally Jenkinson.

Higher Education Organization: Conditions for Policy Implementation. Rune Premfors (ed).

The University Research System: Performance and Policy. Aant Elzinga and Björn Wittrock (eds).

Knowledge Policy and Knowledge Traditions in Higher Education. Gunnar Bergendal (ed).

Orders for newsletters and other NBUC publications should be addressed as indicated below. For journal articles and for books published elsewhere, please contact your University Library. Those who want to obtain other listed publications should get in contact with the relevant authors, either directly or through the Research Program's secretariat at the NBUC.

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RESEARCH ON HIGHER EDUCATION PROGRAM

List of publications in English

PROBLEM AREA 1. THE ROLE OF HIGHER EDUCATION IN SOCIETY

1.1, 1.7 ANALYSIS OF EDUCATION AND STUDENTS

1.15 WAYS INTO, THROUGH, AND OUT OF AN EDUCATIONAL SYSTEM (Urban Dahllöf and Sten Henrysson)

Newsletter 1977:10

DAHLLÖF, URBAN (1975) Problems and pitfalls in assessing internal efficiency in higher education by means of mass statistics. Some experiences from Sweden, *Scandinavian Journal of Educational Research*, Vol 19, pp. 175-189.

DAHLLÖF, URBAN (1977) *Reforming Higher Education and External Studies in Sweden and Australia* (Stockholm: Almqvist & Wiksell International).

ELGQVIST-SALTZMAN, INGA (1974) Dropout and pass-rate in higher education - are they useful measures of efficiency? Umeå University and the Institute of Education, Report No 5.

ELGQVIST-SALTZMAN, INGA (1975) Educational and vocational goals of individual students in relation to dropout. An investigation of some students in the faculty of arts and sciences at Umeå University during the period 1968-1974 (Umeå: Institute of Education).

ELGQVIST-SALTZMAN, INGA (1976) *Vägen genom universitetet (The Way through the University)* (Stockholm: Almqvist & Wiksell International) (English Summary).

1.2 THE CONNECTION BETWEEN BASIC EDUCATION, WORKING EXPERIENCE AND FURTHER EDUCATION (Åke Jerkedal)

Newsletter 1973:5

1.3 STUDIES OF INTERNAL AND EXTERNAL COMMUNICATION CONCERNING HIGHER EDUCATION (Åke W Edfeldt)

Newsletter 1977:6

ABRAHAMSSON, KENNETH (1976) The Need for a Dialogue. On the counceling needs of presumptive adult learners in higher education. Department of Education, Stockholm University.

1.4 THE ROLE OF HIGHER EDUCATION IN THE INDIVIDUAL'S DEVELOPMENT (David Magnusson)

Newsletter 1979:3

EKEHAMMAR, BO (1976) Cost-Benefit Models for Career Choice. A Psychological Proposal. Department of Psychology, Stockholm University, Report No 477.

EKEHAMMAR, BO (1976) A Psychological Cost-Benefit Model for Career Choice: Construct and Predictive Validity. Department of Psychology, Stockholm University, Report No 478.

EKEHAMMAR, BO (1976) Psychological Cost-Benefit as an Intervening Construct in Career Choice Models. Department of Psychology, Stockholm University, Report No 483.
(Later published in *Journal of Vocational Behaviour*, Vol 12, 1978, pp. 279-289.)

EKEHAMMAR, BO (1977) Test of a Psychological Cost-Benefit Model for Career Choice, *Journal of Vocational Behaviour*, Vol 10, pp. 245-260.

EKEHAMMAR, BO 1977) Intelligence and Social Background as Related to Psychological Cost-Benefit in Career Choice, *Psychological Reports*, Vol 40, pp. 963-970.

HJORTZBERG-NORDLUND, F & EKEHAMMAR, B (1976) A Comparison of Two Approaches to the Study of Job Perception. Department of Psychology, Stockholm University, Report No 485.

MAGNUSSON, DAVID, DUNÉR, ANDERS & ZETTERBLOM, GÖRAN (1975) *Adjustment - a Longitudinal Study. The Örebro Project* (Stockholm: Almqvist & Wiksell, New York: Wiley).

MAGNUSSON, DAVID & DUNÉR, ANDERS (1978) The Örebro Project: A Longitudinal Study of Individual Development and Adjustment, in: Mednick, S (Ed.) *Survey on Prospective Longitudinal Research in Europe with Direct or Indirect Implications for Mental Health* (Copenhagen: WHO, Regional Office of Europe).

MAGNUSSON, DAVID (1978) A Longitudinal Investigation of Development and Adjustment. The Örebro Project in: Dunér, A (Ed.) *Research into Personal Development: Educational and Vocational Choice* (Amsterdam and Lisse: Swets & Zeitlinger).

MAGNUSSON, DAVID (1978) Methodology and Strategy Problems in Longitudinal Research. Department of Psychology, Stockholm University.

MAGNUSSON, DAVID & DUNÉR, ANDERS (1978) Enquête longitudinale sur le development et l'adaption. *Annales de Vaucresson*, Vol 15, pp.89-110.

MAGNUSSON, DAVID (1979) Methodology and Strategy Problems in Longitudinal Research, in: Schulsinger, F & Mednick, S (Eds.) *Proceedings from a Seminar on Longitudinal Research in Aarhus* (Oxford University Press).

1.5 EVALUATION OF DECENTRALISED EDUCATION (Sten Henrysson)

Newsletter 1972:9

1.6 GOAL ANALYTICAL STUDIES OF CROSS-DISCIPLINARY GOALS (Åke Bjerstedt)

BJERSTEDT, ÅKE (1970) Goal Seeking, Goal Focusing, and Goal Adjustment. Department of Education and Psychological Research, Malmö, Report No 97.

IDMAN, PEKKA (1974) *Equality and Democracy. Studies of Teacher Training* (Lund: CWK Glerup).

(Also Reprint from Department of Education and Psychological Research, School of Education, Malmö, No 160, 1974.)

1.9 CONCEPTIONS OF UNIVERSITY EDUCATION (Per Sjöstrand)

BAYRAMOGLU, INGELA (1976) Akademikerna och industrin (Academics and Industry). Department of Sociology, Göteborg University, Report No 41 (English Summary).

HELLBERG, INGA (1978) Studier i professionell organisation. En professionsteori med tillämpning på veterinäryrket (Studies in Professional Organization. A Theory of Professions with Application to the Veterinary Profession). Department of Sociology, Göteborg University, Monograph No 20 (English Summary).

1.10 POST-SECONDARY EDUCATION AND BACKGROUND (Torsten Husén)

Newsletter 1980:10

MÄHLCK, LARS (1980) *Choice of Post-secondary Studies in a Stratified System of Education - A Swedish Follow-up Study* (Stockholm: Almqvist & Wiksell International).

1.11 GOAL ANALYSIS OF POST-SECONDARY AND OTHER ADULT EDUCATION (Bengt Abrahamsson)

Newsletter 1977:9

1.12 RESEARCH ON RECURRENT EDUCATION (Jarl Bengtsson)

BENGTSSON, JARL & BENGTSSON, MONIKA (1975) *Recurrent Education. Some Observations and a Bibliography* (Stockholm: National Board of Universities and Colleges, UKÄ Report 1975:8).

1.13 ASPECTS OF EDUCATION AND THE DIVISION OF LABOUR

(Bengt Gesser)

FASTH, EVA (1980) *Aspekter på utlokalisering av högre utbildning (Aspects of Relocalisation of Higher Education)* (PhD dissertation) (Lund: Tryckbaren) (English Summary).

GESSER, BENGT (1982) Rationalization: knowledge, function reproduction and Swedish universities. Department of Sociology, Lund University (manuscript)

GESSER, BENGT (1982) Students: education and politics. Department of Sociology, Lund University (manuscript)

1.14 EDUCATION AND THE LABOUR MARKET

(Bengt-Christer Ysander)

Newsletter 1975:6

BOWMAN, M J, SOHLMAN, ÅSA & YSANDER, BENGT-CHRISTER (1978) *Learning and Earning. Three Essays in the Economics of Education* (Stockholm: National Board of Universities and Colleges).

SOHLMAN, ÅSA (1981) Education, Labour Market and Human Capital Models. Swedish Experiences and Theoretical Analyses. Department of Political Economy, Stockholm University (PhD dissertation).

1.16 THE EXPANSION OF THE EDUCATIONAL SECTOR IN SWEDEN DURING THE 20TH CENTURY (Lennart Jörberg)

NILSSON, ANDERS (1977) Study Financing and Expansion of Education, *Economy and History*, Vol 10, No 2, pp. 92-113.

PETTERSSON, LARS (1977) Some Aspects of the Expansion of Education in Sweden, *Economy and History*, Vol 10, No 2, pp. 69-91.

1.17 TECHNICAL WORK AND THE TRAINING OF ENGINEERS

(Bengt Gesser)

BERNER, BOEL (1981) *Teknikens värld. Teknisk förändring och ingenjörsarbete i svensk industri (The World of Technique. Technical Change and Technical Labour in Swedish Industry)* (Lund: Arkiv avhandlingsserie 11) (PhD dissertation) (English Summary).

1.21 UNIVERSITY STUDIES AND CONCEPT OF REALITY - A STUDY OF EFFECTS OF EDUCATION

(Lars Owe Dahlgren)

Newsletter 1982:2

DAHLGREN, LARS OWE & FRANKE-WIKBERG, SIGBRIT (1977) Changes of Students' Conceptions during University Studies. Considerations underlying two Swedish research projects on higher education. Department of Education, Göteborg and Umeå Universities.

DAHLGREN, LARS OWE & FRANKE-WIKBERG, SIGBRIT (1979) A Comparative Methodological Study of Students' Conception of Structure of Society. Paper presented at the Department of Education, Göteborg and Umeå Universities, Report No 90.

DAHLGREN, LARS OWE & FRANKE-WIKBERG, SIGBRIT (1980) The Social Structure of Society through the Eyes of University Students. Department of Education, Göteborg and Umeå Universities, Report No 1980:02.

DAHLGREN, LARS OWE (1981) Individuals, Differences and Learning in Research on Individual Differences in Learning. Paper presented at the 5th International Conference on Higher Education, Lancaster, Great Britain, 1-4 Sept. 1981.

DAHLGREN, LARS OWE (Forthcoming) The Outcome of Learning, in: Marton, Ference, Entwistle, N J & Hounsell, D *The Experience of Learning* (London: Harper & Row).

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DAHLGREN, LARS OWE (In print) Higher Education - Impact on Students, in: Husén, Torsten & Postlethwaite, T N (Eds.) *International Encyclopedia of Education. Research and Studies* (London: Pergamon Press).

MARTON, FERENCE (1978) Describing conceptions of the world around us. Institute of Education, Göteborg University, Report No 66.

1.22 LONG-TERM EFFECTS OF HIGHER EDUCATION

'Sigbrit Franke-Wikberg)

Newsletter 1980:3

DAHLGREN, LARS OWE & Franke-WIKBERG, SIGBRIT (1979) A Comparative Methodological Study of Students' Conceptions of Structure of Society. Reports from the Institute of Education, University of Göteborg, No 90.

DAHLGREN, LARS OWE & FRANKE-WIKBERG, SIGBRIT (1980) The Social Structure of Society through the Eyes of University Students. Reports from the Department of Education, University of Göteborg, No 2.

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ation Research Committee of the International Sociological Association, Paris, August, 1980. (Also in *International Social Science Council*, Vienna Centre, Doc. No 92, App. 7, Oct. 1980.

FRANKE-WIKBERG, SIGBRIT (1977) LONG-TERM EFFECTS OF HIGHER EDUCATION - A Longitudinal Study of Student conceptions Related to Different Lines of Education. Report No 2 from the LONG-project, Department of Education, Umeå University.

FRANKE-WIKBERG, SIGBRIT & HENRYSSON, STEN (1979) The LONG-project. Long-term Effects of Higher Education - A Longitudinal Study of the Educational and Professional "Vorstellungen" of University Students. Department of Education, Umeå University.

FRANKE-WIKBERG, SIGBRIT & HENRYSSON, STEN (1979) A Study of Higher Education and "Vorstellungen" of Students, *International Social Science Council*, Vienna Centre, Doc. No 69.

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FRANKE-WIKBERG, SIGBRIT (1979) Meetings between Student and Institutional Perspectives. Umeå University, Educational Reports No 21.

FRANKE-WIKBERG, SIGBRIT & ZETTERSTRÖM, BO-OLOF (Forthcoming, 1983) From Ideas on Quality of Education to Ideas as Quality of Education, in: Framhein, Gerhild & Langer, Josef (Eds.) *Student und Studium in Internationalen Vergleich* (Klagenfurt: Kärntner Universitäts Druckerei).

1.23 LONG-TERM EFFECTS OF EDUCATION AMONG POST SECONDARY STUDENTS (Kjell Härnqvist)

Newsletter 1980:4

1.24 WORKING LIFE, EDUCATION AND PLANNING

(Bo Lindensjö)

Newsletter 1981:3

LINDENSJÖ, BO & LUNDGREN, ULF (1983) Evaluating Evaluation. Department of Education, Stockholm Institute of Education (manuscript).

1.26 TECHNICAL KNOWLEDGE AND VOCATIONAL IDENTITY

(Boel Berner)

Newsletter: 1982:7

PROBLEM AREA 2. HIGHER EDUCATION AS AN ORGANIZATION

2.1 UNIVERSITY ENVIRONMENT, EFFICIENCY IN STUDIES AND POLITICAL ACTIVITY (Georg Karlsson)

Newsletter 1978:1

CIGÉHN, GÖRAN (1976) Förändringar i partipolitiska sympatier och utbildningsval under studietiden (Changes in Party Political Affiliation and in the Choice of Field of Study among Students). Department of Sociology, Umeå University, Report No 26.

2.2 THE ADAPTATION OF UNIVERSITY ORGANIZATION TO AN INTEGRATED SYSTEM OF EDUCATION (Dick Ramström)

Newsletter 1973:12

AXELSSON, RUNO & ROSENBERG, LENNART (1974) University organization in transition - some normative considerations. Department of Business Administration, Umeå University, Report No 1.

AXELSSON, RUNO, ORRING, ERIK & ROSENBERG, LENNART (1974) Decision-making in a University organization - a case study. Department of Business Administration, Umeå University, Report No 2.

AXELSSON, RUNO & ROSENBERG, LENNART (1976) Applications of Organization Theory. On Problems of the Swedish System of Higher Education. Department of Business Administration, Umeå University, Report No 4.

RAMSTRÖM, DICK (1973) The University as an Adaptive Organization. Department of Business Administration, Umeå University.

2.5 ALTERNATIVE EDUCATIONAL STRUCTURES IN THE NORTHERN EDUCATIONAL REGION (Nils Häggström, Bertil Hammarberg)

HAMMARBERG, BERTIL et al (1977) Education in Regional Development Policies. Regional Effects of Swedish Educational Planning. Organisation for Economic Co-operation and Development, SME/ET/77.10, Paris 21st June.

HAMMARBERG, BERTIL & HÄGGSTRÖM, NILS (1978) Adult and Non-traditional Education and the Regional Dimension. GERUM, Department of Geography, Umeå University, Report No C:38.

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FREDRIKSSON, BERT (1980) Högskolans basenheter. Norm och verklighet (The Basic Units of Higher Education. Norm and Reality). Umeå Studies in Politics and Administration, No 3, Umeå University (English Summary).

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LANE, JAN-ERIK (1979) Yes, budgetary analysis may be conducted in accordance with Scientific Method, *Statsvetenskaplig tidskrift*, No 4.

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LANE, JAN-ERIK (1981) University Autonomy: A New Analysis, *VESTES, The Australian Universities' Review*, Vol 24, No 1, pp. 17-27.

LANE, JAN-ERIK (1981) Higher Education in Scandinavia in a Comparative Perspective, (to be published in German, in: Huber, L (Ed.) *Europäischen Encyclopedie Erziehungswissenschaft*, 1982). Department of Political Science, Umeå University, Report No 15.

LANE, JAN-ERIK (1982) Das Hochschulwesen in Skandinavien in einer vergleichenden Übersicht, in: Huber, L (Ed.) *Europäischen Encyclopedie Erziehungswissenschaft* (Hamburg: Klett-Kotta Verlag).

LANE, JAN-ERIK (1982) *Aspects of University Autonomy*.

LANE, JAN-ERIK (1983) Semantic Analysis of the Concept of Power, in Sartori, G (Ed.) *Social Science Concepts*.

LANE, JAN-ERIK & FREDRIKSSON, BERT (1983) *Higher Education and Public Administration* (Stockholm: Almqvist & Wiksell International).

HAMMARBERG, BERTIL & HÄGGSTRÖM, NILS (1979) Education and Regional Development, *General Report*, Vol 1, OECD, Paris.

HAMMARBERG, BERTIL & HÄGGSTRÖM, NILS (1979) Education and Regional Development, *Technical Reports*, Vol II, OECD, Paris.

2.7 THE UNIVERSITY AS AN ORGANIZATION: SYSTEM AND ENVIRONMENT (Jan-Erik Lane)

Newsletter 1976:7

2.9 OBSTACLES TO INNOVATION WITHIN THE UNIVERSITY ORGANIZATION (Anders Edström)

Newsletter 1977:2

EDSTRÖM, ANDERS & LIDSTRÖM, GILL (1975) Constraints for Local Adaptation and Development in the Swedish University System. Department of Business Economics, Göteborg University, Report No 51.

GRAN, STAFFAN (1981) Innovationshinder i högskolan (Obstacles to Innovation in Higher Education). Department of Business Economics, Göteborg University (English Summary).

2.10 U 58 - A STUDY OF THE ORIGINS OF THE SWEDISH REFORM OF HIGHER EDUCATION (Olof Ruin)

Newsletter 1982:4

LINDENSJÖ, BO (1978) The Politization of Swedish Higher Education Planning, (mimeo).

LINDENSJÖ, BO (1981) HÖGSKOLEREFORMEN. En studie i offentlig reformstrategi (Higher Education Reform. A Study of Public Reform Strategy). Stockholm Studies in Politics, No 20 (English Summary) (PhD dissertation).

LINDENSJÖ, BO (1983) State Interventionism and University Policy Formation. Department of Political Science, Stockholm University (manuscript)

2.12 U 68 - A STUDY OF THE IMPLEMENTATION OF THE SWEDISH REFORM OF HIGHER EDUCATION (Yngve Myrman)

Newsletter 1977:11

MYRMAN, YNGVE (1980) What can research on implementation contribute to the implementation researcher? Department of Political Science, Stockholm University (Working paper).

MYRMAN, YNGVE (1981) Tradition, innovation and Complexity. Some comments on implementation research and different ways to study the launching of a higher education reform in Sweden. Department of Political Science, Stockholm University.

2.14 HIGHER EDUCATION ATTITUDES (Jan-Erik Lane)

Newsletter 1979:5

LANE, JAN-ERIK (1978) Interpreting Higher Education Institutions: In order to find keep searching, but search where you may find! *Statsvetenskaplig Tidskrift*, No 3.

LANE, JAN-ERIK, STENLUND, HANS & WESTLUND, ANDERS (1981) Academic Attitudes towards the Higher Education Reforms in Sweden. Department of Political Science, Umeå University (Memorandum).

LANE, JAN-ERIK, STENLUND, HANS & WESTLUND, ANDERS (1981) Academic Attitudes. Department of Political Science, Umeå University, Research Report No 14.

LANE, JAN-ERIK, STENLUND, HANS & WESTLUND, ANDERS (1981) Bureaucratization of a system of higher education. Department of Political Science, Umeå University, Research Report No 17.

LANE, JAN-ERIK, STENLUND, HANS & WESTLUND, ANDERS (1981) Is There a University Crisis in Sweden? A Survey of National Academic Opinion, *European Journal of Education*, Vol 16, Nos 3-4.

LANE, JAN-ERIK, STENLUND, HANS & WESTLUND, ANDERS (1982) Variety of Attitudes towards the Comprehensive University, in: *Higher Education* Vol 11,1982, and in: Hermanns, H, Teichler, U & Wasser, H (Hg.) *Integrierte Hochschulmodelle* (Frankfurt: Campus).

STENLUND, HANS & WESTLUND, ANDERS (1981) H.E. Attitudes. Center for Administrative Studies, Umeå University, Technical Report No 3.

2.15 FROM CULTIVATION TO EDUCATION. A STUDY OF THE DEVELOPMENT OF THE SWEDISH UNIVERSITIES

(Lennart Svensson)

Newsletter 1980:9

SVENSSON, LENNART (1980) Från bildning till utbildning. Universitetens omvandling från 1870 till 1970. (From Bildung to Ausbildung. Changes in Swedish Universities from 1870 to 1970). Department of Sociology, Göteborg University, Monograph No 21 (English Summary)

SVENSSON, LENNART (1982) The State and Higher Education: a sociological critique from Sweden, *European Journal of Education*, Vol 17, No 3, 1982.

2.16 THE PROCESS OF IMPLEMENTATION OF HIGHER EDUCATION

(Ladislav Cerych)

Newsletter 1979:4

CERYCH, LADISLAV (1978) The Process of Implementation of Higher Education Reform. Institute of Education, European Cultural Foundation.

KIM, LILLEMOR (1982) *Widened Admission to Higher Education in Sweden - the 25/5-scheme - A Study of the Implementation Process* (Stockholm: National Board of Universities and Colleges).

LANE, JAN-ERIK (1983) Creating the University of Norrland. Goals, Structures and Outcomes. Umeå Studies in Politics and Administration, No 7. (Lund: CWK Gleerup).

2.17 IDEOLOGY, SCIENCE AND SOCIETY (Sven-Eric Liedman)

Newsletter 1980:11

2.18 IDEOLOGIES OF EDUCATION AND RESEARCH IN THE HEALTH CARE SECTOR (Aant Elzinga)

Newsletter 1980:12

BÄRMARK, JAN & WALLÉN, GÖRAN (1981) A Hyper-sociological Perspective on Counter-movements in the Sciences. Department of Theory of Science, Göteborg University (mimeo).

BÄRMARK, JAN, ELZINGA, AANT & WALLÉN, GÖRAN (1981) Nursing Care Research. The emergence of a new scientific specialty. Department of Theory of Science, Göteborg University, Report No 127.

ELZINGA, AANT (1980) The transition from vocational craft-based knowledge to scientific knowledge - the case of nursing care. ISA/PAREX meeting Deutschlandberg, Sept 25-28, 1980. §IV Science and its Socio-Political Context, I (Elzinga), II (Bärmark, Jan & Wallén, Göran) (mimeo).

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2.19 LINKS WITH RESEARCH AND WITH WORKING LIFE (Edmund Dahlström)

Newsletter 1980:13

2.21 KNOWLEDGE TRADITIONS IN THE EDUCATION OF PRESCHOOL TEACHERS (Ference Marton)

Newsletter 1981:4

2.23 BUREAUCRATS, EDUCATION AND PUBLIC ADMINISTRATION (Rolf Torstendahl)

Newsletter 1982:5

PROBLEM AREA 3. THE CONDITIONS AND POTENTIALITIES OF RESEARCH

3.1 RESEARCH AND THE TRAINING OF RESEARCH WORKERS: CONDITIONS AND ADMINISTRATION (Torsten Husén)

HUSÉN, TORSTEN (1977) Ausbildung und Forschung im Widerspruch, *Neue Sammlung*, Vol 17, Heft 6, November/Dezember, pp. 521-537.

HUSÉN, TORSTEN (1976-77) Swedish University Research at the Crossroads, *Minerva*, Vol 14, No 4, pp. 419-446.

3.2 THE RESULTS OF GRADUATE AND DOCTORAL TRAINING (Birgitta Odén)

Newsletter 1976:2

3.3 RESEARCHERS AND PRACTITIONERS IN THE DEVELOPMENT OF SOCIAL KNOWLEDGE (Edmund Dahlström)

Newsletter 1977:5

3.5 RESEARCHER ROLES AND THE ORGANIZATION OF INTERDISCIPLINARY GROUPS (Jan Bärmark)

Newsletter 1980:7

BÄRMARK, JAN & WALLÉN, GÖRAN (1978) Knowledge Production in Interdisciplinary Groups. Department for Theory of Science, Göteborg University, Report No 37 in Series No 2.

BÄRMARK, JAN & WALLÉN, GÖRAN (1979) The Interaction of Cognitive and Social Factors in Steering a Large Scale Interdisciplinary Project. Department for Theory of Science, Göteborg University, Report No 41 in Series No 2.

BÄRMARK, JAN & WALLÉN, GÖRAN (1979) An Interdisciplinary Approach to Interdisciplinary Science. Department for Theory of Science, Report No 42 in Series No 2.

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3.7 PROBELM SOLVING STYLE, DIRECTION OF RESEARCH AND RESEARCH CAREERS (Margot Bengtsson)

Newsletter 1979:11

3.8 SCIENTIFIC DEVELOPMENT, RESEARCH ORGANIZATION AND RESEARCH CAREERS (Aant Elzinga)

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3.11 RESEARCH CULTURE AND RESEARCH COMMUNITY (Katrin Fridjonsdottir)

Newsletter 1982:6

PROBLEM AREA 4. THE CONDITIONS AND POTENTIALITIES OF EDUCATION

4.4 STUDY SKILLS AND LEARNING (Ference Marton)

Newsletter 1976:1

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4.6 UNIVERSITY STUDIES IN TEAMS (Anders Fransson, Ference Marton)

Newsletter 1975:7

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4.7 CLIENT-RELATED SUPERVISION (Ingvar Johannesson)

Newsletter 1978:1

ERIKSSON, MONA (1978) Utbildningspraktik. Om utbildning med handledda klient- och patientkontakter på högskolenivå (Practical training. On client-related training programs in higher education). Studia Psychologica et paedagogica, Lund University, No 43 (English Summary).

4.8 STUDIES CONCERNING THE VALUE OF VARIOUS TEACHING METHODS IN HIGHER EDUCATION (Daniel Kallós)

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4.11 THE EDUCATIONAL CONTENT OF A UNIVERSITY SUBJECT (Ulf Himmelstrand)

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4.12 THE TREATMENT OF STUDENTS WITH ADJUSTMENT PROBLEMS (Ingemar Dureman)

Newsletter 1972:6

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4.13 EVALUATION OF UNIVERSITY TEACHING AT THE DEPARTMENT LEVEL (Sten Henrysson)

Newsletter 1976:4

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4.14 EVALUATION OF VOCATIONALLY-ORIENTED PROGRAMS (Lars Bäckström)

Newsletter 1975:8

4.15 THE PEDAGOGICS OF PROBLEM SOLVING WITH EMPHASIS ON STATISTICAL PROBLEMS (Lennart Sjöberg)

Newsletter 1979:10

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4.17 TEACHING AND LEARNING OF BASIC CONCEPTS IN ECONOMICS (Lars Owe Dahlgren)

Newsletter 1981:5

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4.19 THE ROLE OF MATHEMATICS IN HIGHER TECHNICAL EDUCATION (Karl-Georg Ahlström)

Newsletter 1979:2

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4.21 CRITICAL TRAINING IN HIGHER EDUCATION (Sören Halldén)

Newsletter 1980:8

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4.22 STUDY SKILL IN MECHANICS (Lennart Svensson)

Newsletter 1979:9

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4.23 STUDY INTEREST (Lennart Sjöberg)

Newsletter 1982:8

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4.25 INTELLECTUAL MATURITY AS AN EDUCATIONAL IDEAL

(Sören Halldén)

Newsletter 1981:6

PROBLEM AREA 5. R & D ORGANIZATION AND PLANNING

5.1 PRACTITIONERS AND SOCIAL SCIENTISTS

(Edmund Dahlström)

Newsletter 1978:5

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5.2 R & D AND PUBLIC POLICY MAKING (Björn Wittrock)

Newsletter 1983:1

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PREMFORS, RUNE (1979) Social Research and Public Policy Making: An Overview, *Statsvetenskaplig tidskrift*, No 4.

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PREMFORS, RUNE (1981) National Policy Styles and Higher Education in France, Sweden and the United Kingdom, *European Journal of Education*, Vol 16, 2.

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PREMFORS, RUNE (1981) Values and Higher Education Policy. Group for the Study of Higher Education and Research Policy, Stockholm University, Report No 18. Also in *Policy Sciences* 14(1982), pp 365-378.

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WITTROCK, BJÖRN (1982) Managing Uncertainty or Foreclosing the Options: Futures Planning in the University of California, *European Journal of Education*, Vol 17, No 3.

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5.4 THE USE OF SECTORAL RESEARCH (Rune Premfors)

Newsletter 1982:1

SWEDISH RESEARCH INTO HIGHER EDUCATION.

Publications in English 1971-1983.

Disciplines	Number of project reports, etc.			
	1971-1974	1975-1978	(April) 1979-1983	Total
Philosophy, history, history of ideas, theory of science	-	3	20	23
Business economics, economics, economic history, geography	4	9	5	18
Education, psychology	9	60	49	118
Sociology	1	8	14	23
Political science	-	5	50	55
Total	14	85	138	237